

**NIH State-of-the-Science Conference on
Multivitamin/Mineral Supplements and
Chronic Disease Prevention**

May 15–17, 2006

**Natcher Conference Center
National Institutes of Health
Bethesda, Maryland**

AGENDA

Monday, May 15, 2006

- 8:30 a.m. Opening Remarks
Paul M. Coates, Ph.D.
Director
Office of Dietary Supplements
Office of the Director
National Institutes of Health
- 8:40 a.m. Charge to the Panel
Barnett S. Kramer, M.D., M.P.H.
Director
Office of Medical Applications of Research
Office of the Director
National Institutes of Health
- 8:50 a.m. Conference Overview and Panel Activities
J. Michael McGinnis, M.D., M.P.P.
Conference and Panel Chairperson
Senior Scholar
Institute of Medicine
The National Academies

**I. What Are the Current Patterns and Prevalence of the Public's Use of
Multivitamin/Mineral (MVM) Supplements?**

- 9:00 a.m. Multivitamin/Mineral Supplements: Definition, Characterization, Bioavailability,
Drug Interactions
Elizabeth Yetley, Ph.D.
Office of Dietary Supplements
National Institutes of Health

Monday, May 15, 2006 (continued)

I. What Are the Current Patterns and Prevalence of the Public's Use of Multivitamin/Mineral (MVM) Supplements? (continued)

9:20 a.m. Who Uses Them—Demographics, Adults and Children, Healthy or Diseased?
Cheryl L. Rock, Ph.D., R.D.
Professor
Family and Preventive Medicine
Cancer Prevention and Control Program
University of California, San Diego

II. What Is Known About the Dietary Nutrient Intake of MVM Users Versus Non-Users?

9:40 a.m. How and Why Do We Use Supplements?

A. Elizabeth Sloan, Ph.D.

Editor/Columnist

Food Technology

Functional Foods & Nutraceuticals and *Flavor & The Menu* Magazines

10:00 a.m. Impact of Multivitamin/Mineral Supplements at Recommended Daily Allowances Levels on Total Nutrient Intake

Suzanne Murphy, Ph.D., R.D.

Research Professor

Cancer Research Center of Hawaii

University of Hawaii

10:20 a.m. Discussion

III. What Is the Efficacy of Single Vitamin/Mineral Supplement Use in Chronic Disease Prevention?

11:00 a.m. Evidence-Based Practice Center Presentation: The Efficacy of Single Vitamin or Mineral Supplement Use in the Primary Prevention of Chronic Disease: A Systematic Review

Anthony J. Alberg, Ph.D., M.P.H.

Associate Professor

Blatt Ness Endowed Chair in Oncology

Department of Biostatistics, Bioinformatics, and Epidemiology

Hollings Cancer Center

Medical University of South Carolina

11:20 a.m. Folate and Neural Tube Defects

Roy M. Pitkin, M.D.

Professor Emeritus

University of California, Los Angeles

Monday, May 15, 2006 (continued)

III. What Is the Efficacy of Single Vitamin/Mineral Supplement Use in Chronic Disease Prevention? (continued)

11:40 a.m. Cancer
Meir J. Stampfer, M.D., Dr.P.H.
Professor of Epidemiology and Nutrition
Chair, Department of Epidemiology
Departments of Epidemiology and Nutrition
Harvard School of Public Health
Professor of Medicine
Harvard Medical School

Noon Discussion

12:30 p.m. Lunch
Panel Executive Session

1:30 p.m. Heart Disease
Maret Traber, Ph.D.
Professor
Linus Pauling Institute
Oregon State University

Combinations of Several Vitamins/Minerals

1:50 p.m. Tuning Up Metabolism With Micronutrients To Prevent Degenerative Disease
Bruce N. Ames, Ph.D.
Professor of the Graduate School
University of California, Berkeley
Senior Scientist
Nutrition and Metabolism Center
Children's Hospital Oakland Research Institute

2:10 p.m. Bone Health
Robert P. Heaney, M.D.
John A. Creighton University Professor
Professor of Medicine
Department of Medicine
Creighton University

2:30 p.m. Eye Health
Johanna M. Seddon, M.D., Sc.M.
Director, Epidemiology Unit
Department of Ophthalmology
Massachusetts Eye and Ear Infirmary

2:50 p.m. Discussion

Monday, May 15, 2006 (continued)

IV. What Is the Efficacy of MVM in Chronic Disease Prevention in the General Population of Adults?

- 3:30 p.m. Evidence-Based Practice Center Presentation: The Efficacy of Multivitamin/Mineral Supplement Use in the Primary Prevention of Chronic Disease: A Systematic Review
Han-Yao Huang, Ph.D., M.P.H.
Assistant Professor
Department of Epidemiology
Johns Hopkins Bloomberg School of Public Health
Sidney Kimmel Comprehensive Cancer Center
Johns Hopkins School of Medicine
- 3:50 p.m. Cohort Studies and the Case for Randomized Controlled Trials
Ross L. Prentice, Ph.D.
Biostatistician
Division of Public Health Sciences
Fred Hutchinson Cancer Research Center
- 4:20 p.m. Discussion
- 5:00 p.m. Adjournment

Tuesday, May 16, 2006

- 8:30 a.m. Clinical Trials of Vitamin and Mineral Supplements for Cancer Prevention
Peter Greenwald, M.D., Dr.P.H.
Director, Division of Cancer Prevention
National Cancer Institute
National Institutes of Health
- 8:50 a.m. Studies of Cost-Effectiveness of Multivitamin/Mineral Supplements for Prevention of Chronic Disease in Adults
Allen Dobson, Ph.D.
Senior Vice President
The Lewin Group
- 9:10 a.m. Discussion

Tuesday, May 16, 2006 (continued)

V. What Is Known About the Safety of MVM for the Generally Healthy Population?

- 9:40 a.m. Evidence-Based Practice Center Presentation: The Safety of
Multivitamin/Mineral Supplement Use in the General Population of Adults and
Children: A Systematic Review
Benjamin Caballero, M.D., Ph.D.
Professor
Center for Human Nutrition
Johns Hopkins Bloomberg School of Public Health
- 10:00 a.m. Theoretical Basis for Harm
Diane Benford, Ph.D.
Chemical Safety Division
Food Standards Agency
- 10:20 a.m. Adverse Event Reporting Systems: Current and New
Susan J. Walker, M.D.
Associate Director for Clinical Affairs
Center for Food Safety and Applied Nutrition
Office of Nutritional Products, Labeling, and Dietary Supplements
U.S. Food and Drug Administration

VI. What Are the Major Knowledge Gaps and Research Opportunities Regarding MVM Use?

- 10:40 a.m. Research Challenges and Opportunities
Irwin H. Rosenberg, M.D.
Senior Scientist and University Professor
Jean Mayer U.S. Department of Agriculture Human Nutrition Research Center
Tufts University
- 11:00 a.m. Discussion
- Noon Adjournment

Wednesday, May 17, 2006

- 9:00 a.m. Presentation of the draft State-of-the-Science Statement
- 9:30 a.m. Public Discussion
- 11:00 a.m. Panel Meets in Executive Session
- 2:00 p.m. Press Conference
- 3:00 p.m. Adjournment